



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

## INDEX TO AMERICAN MYCOLOGICAL LITERATURE

**Banker, H. J.** Type studies in the *Hydnaceae*—III. The genus *Sarcodon*. *Mycologia* 5: 12–17. Ja 1913.  
Includes *Sarcodon radicatus*, *S. Murrillii*, *S. fumosus*, and *S. roseolus*, spp. nov.

**Brain, C. K.** A list of fungi of Cedar Point. *Ohio Nat.* 13: 25–36. D 1912.

**Darbshire, O. V.** The lichens of the Swedish Antarctic Expedition. 1–73. *pl. 1–3 + f. 1*. Stockholm. 1912.  
Wiss. Ergeb. Schwed. Südpolar-Exp. 4<sup>11</sup>.

**Durand, E. J.** The genus *Keithia*. *Mycologia* 5: 6–11. *pl. 81*. Ja 1913.  
Includes *Keithia thujina* sp. nov.

**Gainey, P. L.** The effect of toluol and CS<sub>2</sub> upon the micro-flora and fauna of the soil. *Ann. Rep. Missouri Bot. Gard.* 23: 147–169. 1912.

**Hasse, H. E.** Additions to the lichen flora of southern California. 8. *Bryologist* 16: 1, 2. Ja 1913.  
Includes *Dermatocarpon Zahlbruckneri* sp. nov.

**Howe, R. H., Jr.** A monograph of the North American *Usneaceae*. *Ann. Rep. Missouri Bot. Gard.* 23: 133–146. *pl. 7*. 1912.

**Kunkel, L. O.** A study of the problem of water absorption. *Ann. Rep. Missouri Bot. Gard.* 23: 26–40. 1912.  
Includes experiments with *Monilia sitophila* (Mont.) Sacc.

**Learn, C. D.** Studies on *Pleurotus ostreatus* Jacq. and *Pleurotus ulmarius* Bull. *Ann. Myc.* 10: 542–556. *pl. 16–18*. 31 D 1912.

**Lindau, G.** Fungi. Lichenes. [In Perkins, J., *Beiträge sur Flora von Bolivia.*] *Bot. Jahrb.* 49: 173. 27 Au 1912.

**Lipman, C. B.** Antagonism between anions as affecting ammonification in soils. *Centralbl. Bakt. Zweit. Abt.* 36: 382–394. *f. 1–3*. 11 Ja 1913.

**Lloyd, C. G.** The polyporoid types of Leveille at Leiden. Letter No. 36. *Meddeel. Rijks Herb. Leiden* 9: 1–5. 15 N 1912.

**Lloyd, C. G.** The polyporoid types of Junghuhn preserved at Leiden. Letter No. 37. Mededeel. Rijks Herb. Leiden 10: 1-5. 15 N 1912.

**Lodge, C. A., & Smith, R. G.** Influence of soil decoctions from sterilized and unsterilized soils upon bacterial growth. Ann. Rep. Massachusetts Agr. Exp. Sta. 24: 126-134. Ja 1912.

**Murrill, W. A.** The *Agaricaceae* of tropical North America—VI. *Mycologia* 5: 18-36. Ja 13, 1913.  
Includes new species in *Gymnopilus* (15), *Crepidotus* (9), and *Pholiota* (5). Several new combinations are made.

**Murrill, W. A.** Illustrations of fungi—XIII. *Mycologia* 5: 1-5. *pl. 80.* Ja 13, 1913.  
Includes *Gyroporus castaneus* (Bull.) Quél., *Ceriomyces auriporus* (Peck) Murrill, *Rostkovites granulatus* (L.) P. Karst., *R. subaureus* (Peck) Murrill, *C. subglabripes* (Peck) Murrill, and *C. bicolor* (Peck) Murrill.

**Norton, J. B.** Methods used in breeding asparagus for rust resistance. U. S. Dept. Agr. Plant Ind. Bull. 263: 5-60. *pl. 1-18 + f. 1-4.* 13 Ja 1913.

**Norton, J. B. S., & White, T. H.** Rose mildew. Ann. Rep. Maryland Agr. Exp. Sta. 25: 73-80. *f. 1-6.* 1912.

**Peltier, G. L.** A consideration of the physiology and life history of a parasitic botrytis on pepper and lettuce. Ann. Rep. Missouri Bot. Gard. 23: 41-74. *pl. 1-5.* 1912.

**Rehm, H.** *Ascomycetes* exs. fasc. 51. Ann. Myc. 10: 535-541. 31 D 1912.  
Includes *Valsa saccharina* Rehm sp. nov. from Canada. Specimens distributed as *Urnula Craterium* Fr. and *Venturia Cassandrae* Peck were obtained from Canada.

**Smith, C. O.** Further proof of the cause and infectiousness of crown gall. Calif. Agr. Exp. Sta. Bull. 235: 531-557. *f. 1-28. D* 1912.

**Stone, G. E.** Report of the botanist. Ann. Rep. Massachusetts Agr. Exp. Sta. 24: [3-107]. Ja. 1912. [Illust.]  
Includes: Diseases more or less common during the year; rust on *Vinca*; bronzing of maple leaves; a notable elm tree; frost cracks; some observations on the growth of elm trees; the effects of positive and negative electrical charges on seeds and seedlings. Reprinted with separate pagination.

**Stone, R. E.** The life history of *Ascochyta* on some leguminous plants. Ann. Myc. 10: 564-592. *pl. 19, 20.* 31 D 1912.